

Curricular Unit	Scientific Area	ECTS	Observations
1st year /1st semester (total 25 ECTS)			
Critical Skills in Research	TA	5	
Advanced Research Methods	TA	5	
Cell Regulation	TA	10	
Research Seminar	TA	5	
1st year / 2nd semester (total 35 ECTS) *			
Laboratory Rotation 1	TA	6	
Laboratory Rotation 2	TA	6	
Laboratory Rotation 3	TA	6	
Thesis Project	N	7	
Mechanisms of neuronal differentiation, development and function	N	5	Optional
From function to dysfunction in neural circuits and behaviour	N	5	Optional
Translational & Precision Medicine	ACD	5	Optional
Aging and age-related diseases: from molecular mechanisms to therapies	ACD	5	Optional
Translational and Clinical Oncology	OB	5	Optional
Carcinogenesis - underlying molecular and cellular alterations	OB	5	Optional
Stem Cells and Development	RM	5	Optional
Regenerative Medicine Strategies	RM	5	Optional
2nd year / 3rd and 4th semesters (total 60 ECTS) **			
Mechanisms of neuronal differentiation, development and function	N	5	Optional
From function to dysfunction in neural circuits and behaviour	N	5	Optional
Translational & Precision Medicine	ACD	5	Optional
Aging and age-related diseases: from molecular mechanisms to	ACD	5	Optional
Translational and Clinical Oncology	OB	5	Optional
Carcinogenesis - underlying molecular and cellular alterations	OB	5	Optional
Stem Cells and Development	RM	5	Optional
Regenerative Medicine Strategies	RM	5	Optional
Thesis	N	55	

* In the 2nd semester the optional curricular units are mandatory for the chosen scientific area

** In the 2nd year students must choose only one curricular unit, which must be different from their scientific area

TA = Transverse areas; N = Neurosciences; ACD = Ageing and Chronic Diseases; OB = Oncobiology; RM = Regenerative Medicine